



PATENT
Attorney Docket No.: 018842.1163

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
Yoshiyuki SUDA) Examiner L. DONOVAN
Application Number: 09/788,443) Group Art Unit 2832
Filed: February 21, 2001)
Title: ELECTROMAGNET ASSEMBLY)
FOR ELECTROMAGNETIC)
APPARATUS)

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicant is submitting herewith copies of the references listed on the attached Form PTO-1449 (modified) for consideration and to be made of record herein by the U.S. Patent and Trademark Office (PTO) in the above-captioned patent application. The Institut National de la Propriete Industrielle cited these references in the French Search Report, mailed May 30, 2002, for the French counterpart to the above-captioned patent application.

Applicant respectfully requests that the Examiner consider these references and that the Examiner indicate that the enclosed references have been considered in this application by returning a copy of the form PTO-1449 with the Examiner's initials in the left column per MPEP 609.

In accordance with 37 C.F.R. § 1.97(c), Applicant believes that this Information Disclosure Statement is submitted after the issuance of a first Office Action on the merits, but prior to the issuance of a Notice of Allowance or final action in this application. Therefore, Applicant is enclosing a check in the amount of \$180 to cover the fee under 37 C.F.R. § 1.17(p) (Fee Code 126). However, in the event of any variance between the fees determined by

Applicant and those determined by the PTO, please charge any such variance to undersigned's Deposit Account No. 02-0375.

Dated: July 23, 2002

Baker Botts L.L.P.
The Warner; Suite 1300
1299 Pennsylvania Avenue, N.W.
Washington, D.C. 20004-2400
(202) 639-7700 (telephone)
(202) 639-7890 (facsimile)

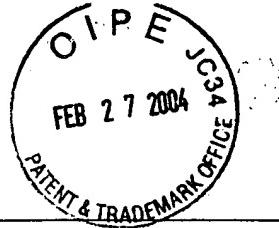
JBA/TJC/dh
Enclosures

Respectfully submitted,

BAKER BOTT S L.L.P.

By:

James B. Arpin
Registration No. 33,470



***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



PROVISIONAL

UTILITY

DESIGN

PATENT

Application No.: 09/788,443

Date: July 23, 2002

Client/Matter No.: 018842.1163

Client: Sanden Corp.

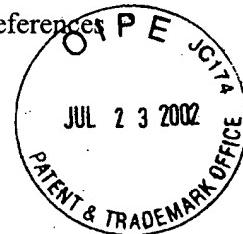
Inventor(s): Yoshiyuki Suda

Atty/Sec.: SFP/JBA/sf

Title: Electromagnet Assembly For Electromagnetic Apparatus

The following has been received in the U.S. Patent and Trademark Office on
the date stamped hereon:

- Information Disclosure Statement with four (4) references
- PTO 1449 Form
- check # 6868 in the amount of \$180.00





FEE TRANSMITTAL

[BOX PATENT APPLICATION]

		Complete If Known																																								
Total Amount Of Payment	(\$)	180.00	Application No.	09/788,443																																						
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																								
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to Deposit Account No. 02-0375 in the name of Baker Botts L.L.P. <input type="checkbox"/> Charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account No. 02-0375 .		3. ADDITIONAL FEES <table> <thead> <tr> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Surcharge - late filing fee or oath</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Extension for reply with _____ month</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Notice of Appeal</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Filing Brief in Support of Appeal</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Request for <i>Ex Parte</i> Reexamination</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Utility Issue Fee (or reissue)</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Design Issue Fee</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Plant Issue Fee</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Petitions to Commissioner</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Petition to Revive (unavoidable)</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Petition to Revive (unintentional)</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Petitions Related to Provisional Applications</td> <td>\$</td> </tr> <tr> <td><input checked="" type="checkbox"/> Submission of Information Disclosure Statement</td> <td>\$ 180.00</td> </tr> <tr> <td><input type="checkbox"/> Filing Submission After Final Rejection</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Recordation of Assignment Document</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Filing Request for Reexamination</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Other (specify) Advanced Patent Copies</td> <td>\$</td> </tr> </tbody> </table>			Fee Description	Fee Paid	<input type="checkbox"/> Surcharge - late filing fee or oath	\$	<input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet	\$	<input type="checkbox"/> Extension for reply with _____ month	\$	<input type="checkbox"/> Notice of Appeal	\$	<input type="checkbox"/> Filing Brief in Support of Appeal	\$	<input type="checkbox"/> Request for <i>Ex Parte</i> Reexamination	\$	<input type="checkbox"/> Utility Issue Fee (or reissue)	\$	<input type="checkbox"/> Design Issue Fee	\$	<input type="checkbox"/> Plant Issue Fee	\$	<input type="checkbox"/> Petitions to Commissioner	\$	<input type="checkbox"/> Petition to Revive (unavoidable)	\$	<input type="checkbox"/> Petition to Revive (unintentional)	\$	<input type="checkbox"/> Petitions Related to Provisional Applications	\$	<input checked="" type="checkbox"/> Submission of Information Disclosure Statement	\$ 180.00	<input type="checkbox"/> Filing Submission After Final Rejection	\$	<input type="checkbox"/> Recordation of Assignment Document	\$	<input type="checkbox"/> Filing Request for Reexamination	\$	<input type="checkbox"/> Other (specify) Advanced Patent Copies	\$
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Fee Calculation																																										
1. BASIC FILING FEE <input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity		Fee Paid <table> <tbody> <tr> <td>Utility Filing Fee</td> <td>\$</td> </tr> <tr> <td>Design Filing Fee</td> <td>\$</td> </tr> <tr> <td>Plant Filing Fee</td> <td>\$</td> </tr> <tr> <td>Reissue Filing Fee</td> <td>\$</td> </tr> <tr> <td>Provisional Filing Fee</td> <td>\$</td> </tr> </tbody> </table>			Utility Filing Fee	\$	Design Filing Fee	\$	Plant Filing Fee	\$	Reissue Filing Fee	\$	Provisional Filing Fee	\$																												
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Plant Filing Fee	\$																																									
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Provisional Filing Fee	\$																																									
2. EXTRA CLAIMS FEES																																										
CLAIMS AS AMENDED																																										
For	Number Present	Highest Number Paid For	Extra	Rate		Amount																																				
				Large Entity	Small Entity																																					
TOTAL CLAIMS		20	0	x \$ 18.00	x \$ 9.00	\$0.00																																				
INDEPENDENT CLAIMS		3	0	x \$ 84.00	x \$ 42.00	\$0.00																																				
MULTIPLE DEPENDENT CLAIMS				\$ 280.00	\$ 140.00	\$0.00																																				
TOTAL EXTRA CLAIMS FEES					\$0.00																																					
SUBMITTED BY				Complete (if applicable)																																						
Typed or Printed Name <u>James B. Apin</u>				Registration No.		33,470																																				
Signature				Date	07/23/02	Deposit Account User ID																																				



PATENT
Attorney Docket No.: 018842.1163

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Yoshiyuki SUDA

Application Number: 09/788,443

Filed: February 21, 2001

For: ELECTROMAGNET ASSEMBLY FOR)
ELECTROMAGNETIC APPARATUS)

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)
)
)
)

Examiner: L. Donovan

Group Art Unit: 2832

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicant is submitting herewith a copy of the reference listed on the attached Form PTO-1449 (modified) and a copy of a copending patent application for consideration and to be made of record herein by the U.S. Patent and Trademark Office in the above-captioned patent application.

Applicant respectfully requests that the Examiner consider this listed reference and that the Examiner indicate that the listed reference has been considered in this application by returning a copy of the form PTO-1449 with the Examiner's initials in the left column per MPEP 609.

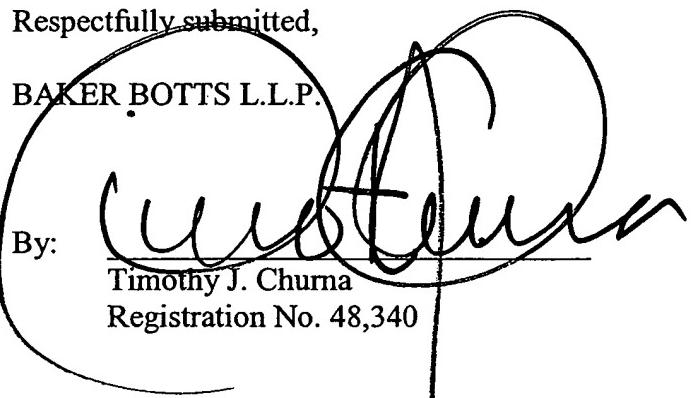
In accordance with 37 C.F.R. § 1.97(b), Applicant believes that this Information Disclosure Statement is submitted prior to issuance of a first Office Action on the merits. Therefore, no fees are believed due as a result of this submission. However, in the event of any

variance between the fees determined by Applicant and those determined by the PTO, please charge any such variance to undersigned's Deposit Account No. 02-0375.

Respectfully submitted,

BAKER BOTTS L.L.P.

By:


Timothy J. Churna
Registration No. 48,340

Dated: October 15, 2002

Baker Botts L.L.P.
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1299 Pennsylvania Avenue, N.W.
Washington, D.C. 20004-2400
(202) 639-7700 (telephone)
(202) 639-7890 (facsimile)
JBA/TJC/dh

Enclosures

FORM PTO-1449 (Mod. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO.	APPLICATION NO.	
									018842.1163	09/788,443	
									APPLICANT		
									Yoshiyuki Suda		
									FILING DATE	GROUP	
									February 21, 2001	2832	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	1	8	1	3	9	3	1/1/80	Lill		
		4	4	1	9	5	3	6	12/6/83	Doyle et al.		
		4	4	2	9	3	5	8	1/31/84	Miyagi		
		4	5	5	7	5	4	4	12/10/85	Esser		
		4	6	2	3	7	5	4	11/18/86	Kikuchi et al.		
		4	9	3	5	7	1	3	6/19/90	Bekheet		
		5	1	3	8	2	9	3	8/11/92	Ishimaru		
		5	2	2	5	8	0	1	7/6/93	Ida et al.		
		5	3	0	7	0	3	8	4/26/94	Ishimaru		
		5	3	2	0	2	0	6	6/14/94	Maejima		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		YES	NO										
		2	2	4	8	9	6	9	4/22/92	Great Britain			x
		08	2	4	7	1	7	1	9/24/96	Japan (with abstract)			x

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)								ATTY. DOCKET NO. 018842.1163		APPLICATION NO. 09/788,443			
								APPLICANT Yoshiyuki Suda					
								FILING DATE February 21, 2001		GROUP 2832			
U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		5	5	0	8	6	7	1	4/16/96	Takashi			
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FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO
												X	
												X	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)													
EXAMINER								DATE CONSIDERED					
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.</p>													

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PROVISIONAL
 UTILITY
 DESIGN

DOCKET

PATENT

Application No. 09/788,443 Date July 17, 2001
Client/Matter No. 018842 1163 Client Sanden Corp
Inventor(s) Yoshiyuki Suda Atty/Sec SFP/JBA/dh
Title Electromagnet Assembly For Electromagnetic Apparatus

The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon:

- Fee Transmittal Sheet
- Request for Continued Examination (RCE)
- Information Disclosure Statement with sixteen (16) references
- PTO-1449 Forms
- Check No. 014 in the amount of \$740.00





FEE TRANSMITTAL

[BOX PATENT APPLICATION]

		Complete If Known														
Total Amount Of Payment	(\$)	740.00	Application No.	09/788,443												
METHOD OF PAYMENT (check one)		Filing Date	July 23, 2002													
<ol style="list-style-type: none"> <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to Deposit Account No. 02-0375 in the name of Baker Botts L.L.P. <input type="checkbox"/> Charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account No. 02-0375. 		First Named Inventor	Yoshiyuki SUDA													
		Examiner Name	L. DONOVAN													
		Group Art Unit	2832													
		Attorney Docket No.	018842.1163													
		FEE CALCULATION (continued)														
<ol style="list-style-type: none"> <input type="checkbox"/> Check Enclosed. The Commissioner is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to Deposit Account No. 02-0375 in the name of Baker Botts L.L.P., The Warner, Suite 1300, 1299 Pennsylvania Avenue, N.W., Washington, D.C. 20004-2400. 		3. ADDITIONAL FEES														
		Fee Description	Fee Paid													
		<input type="checkbox"/> Surcharge - late filing fee or oath	\$													
		<input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet	\$													
		<input type="checkbox"/> Extension for reply with _____ month	\$													
		<input type="checkbox"/> Notice of Appeal	\$													
		<input type="checkbox"/> Filing Brief in Support of Appeal	\$													
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		<input checked="" type="checkbox"/> Other (specify) Request for continued Examination (RCE) Transmittal	\$	740.00												
FEE CALCULATION																
<ol style="list-style-type: none"> BASIC FILING FEE <input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity <table> <thead> <tr> <th></th> <th style="text-align: right;"><u>Fee Paid</u></th> </tr> </thead> <tbody> <tr> <td>Utility Filing Fee</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>Design Filing Fee</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>Plant Filing Fee</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>Reissue Filing Fee</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>Provisional Filing Fee</td> <td style="text-align: right;">\$</td> </tr> </tbody> </table>						<u>Fee Paid</u>	Utility Filing Fee	\$	Design Filing Fee	\$	Plant Filing Fee	\$	Reissue Filing Fee	\$	Provisional Filing Fee	\$
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Provisional Filing Fee	\$															
<ol style="list-style-type: none"> EXTRA CLAIMS FEES 																
CLAIMS AS AMENDED																
For	Number Present	Highest Number Paid For	Extra	Rate		Amount										
				Large Entity	Small Entity											
TOTAL CLAIMS		20	0	x \$ 18.00	x \$ 9.00	\$0.00										
INDEPENDENT CLAIMS		3	0	x \$ 84.00	x \$ 42.00	\$0.00										
MULTIPLE DEPENDENT CLAIMS				\$ 280.00	\$ 140.00	\$0.00										
TOTAL EXTRA CLAIMS FEES					\$0.00											
SUBMITTED BY				Complete (if applicable)												
Typed or Printed Name		Timothy J. O'neill		Registration No.		48,340										
Signature		Date	10/15/02	Deposit Account User ID		02-0375										

FILE COPY

FORM PTO-1449 (Modified) (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO.		APPLICATION NO.				
									018842.1163		09/788,443				
									APPLICANT						
									Yoshiyuki Suda						
									FILING DATE		GROUP				
									February 21, 2001		2832				
U.S. PATENT DOCUMENTS															
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER							DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION	
LJ		19	6	4	0	2	6	1	4/9/98	Germany (with abstract)	✓	✓		X	
LD		3	0	2	4	8	9	4	1/28/82	Germany (with abstract)	✓	✓		X	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)															
EXAMINER		DONOVAN							DATE CONSIDERED		12-08-02				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

018842.1163

APPLICATION NO.

09/788,443

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Yoshiyuki Suda

FILING DATE

February 21, 2001

GROUP

2832

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
D		4	1	8	1	3	9	3	1/1/80	Lill			
		4	4	1	9	5	3	6	12/6/83	Doyle et al.			
		4	4	2	9	3	5	8	1/31/84	Miyagi			
		4	5	5	7	5	4	4	12/10/85	Esser			
		4	6	2	3	7	5	4	11/18/86	Kikuchi et al.			
		4	9	3	5	7	1	3	6/19/90	Bekheet			
		5	1	3	8	2	9	3	8/11/92	Ishimaru			
		5	2	2	5	8	0	1	7/6/93	Ida et al.			
		5	3	0	7	0	3	8	4/26/94	Ishimaru			
V		5	3	2	0	2	0	6	6/14/94	Maejima			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	
D		2	2	4	8	9	6	9	4/22/92	Great Britain				X
D		08	2	4	7	1	7	1	9/24/96	Japan (with abstract)				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DONOVAN	DATE CONSIDERED
		12-08-02

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